

Manhole Inspection Summary

Manhole # S23MM_042MH

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Inspection Is Incomplete Rating: **3) Fair**

Record Plat: **23MM** Node: **042** Status: **Found**

Insp Date: **7/4/05 6:32 PM**

Incomplete Comments

Crew: **SP, DP**
Inspector: **Provine, D**
Firm: **PHO**

Location Address: **1501 RETREAT ST**

Cross Street: **FRANCIS ST**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **Cracked cover.**

Cover Shape: **Circular**

Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Worn**

Cover Material: **Cast Iron**

Properties: Bolted Vented Water Tight Water Tight Insert

Frame Offset: **12** (in.)

Condition: Sound Cracked

Leaks

Chimney / Frame Adjustment Exists Material: **Brick**

Parged Height: **6** (in.)

Condition: Sound Cracked Root Intrusion **Loose Brick** **Deteriorated**

Infiltration: None **Joint** Cracks Mortar Roots **Wall**

Corbel Material: **Brick**

Parged

Type: **Concentric/Eccentric**

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots Wall

Barrel Material: **Brick**

Parged

Shape: **Circular** Diameter: **42** (in.) Length: (in.)

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks **Mortar** Roots **Wall**

Bench Exists Material: **Brick**

Parged **Debris** (not Condition related)

Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris

Channel Material: **Brick**

Parged

Debris (not Condition related)

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris

Steps Count: **5** Missing: **1** **Corroded**

Surcharge **Evidence Of Surcharge** Depth: **1.5** (ft.) Active Surcharge Present

Location View



Top View



Corroded and missing steps. Evidence of surcharge - Bench debris.

Defect



Frame leaks. Adjustment deterioration, loose bricks and infiltration. Barrel infiltration.

Defect



Frame leaks. Adjustment deterioration, loose bricks and infiltration. Barrel infiltration.

8 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **10.60** (ft.) Flow Characteristics: **Slow**

Deposits: None Mud Sludge Debris **Grease**

Silt Depth: **0** (in.) Deposits Extent: **Light**

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection

8 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **9.80** (ft.) Flow Characteristics: **Slow**

Deposits: None Mud Sludge Debris **Grease**

Silt Depth: **0** (in.) Deposits Extent: **Light**

Infiltration: **None** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection

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8 in. Circular Gravity Sewer

Pipe In @ 9 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **9.90** (ft.) Flow Characteristics: **Slow**

Deposits: None Mud Sludge Debris **Grease**

Silt Depth: **0** (in.) Deposits Extent: **Light**

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection
